CLAIMS

The embodiment of the invention in which an exclusive property or privilege is claimed is defined as follows:

- A device to immobilize the head, neck and upper torso of a patient, the device
 comprising:
 - a) a first substrate for supporting the back of the patient's head;

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- b) a second substrate in communication with the first substrate, whereby the second substrate is adapted to encircle the patient's neck; and
 - c) a third substrate in communication with the second substrate, whereby the third substrate contacts the patient's chest.
- 1 2. The device as recited in claim 1 further comprising one or more means for removably securing the device to a backboard.
- The device as recited in claim 1 wherein the second substrate defines an
 aperture with a reversible closure adapted to receive a tracheal tube imbedded in the
 patient without contacting the tracheal tube.
- 1 4. The device as recited in claim 1 wherein the first substrate defines an

- 2 aperture to facilitate access to the patient's cervical spine area.
- 1 5. The device as recited in claim 1 wherein the first substrate, the second
- 2 substrate and the third substrate are integrally molded to each other.
- 1 6. The device as recited in claim 1 further comprising a fourth substrate adapted to
- 2 contact the top of the head and removably attached to the first substrate and the
- 3 second substrate.
- 1 7. The device as recited in claim 1 wherein the first substrate, the second
- 2 substrate and the third substrate are transparent.
- 1 8. The device as recited in claim 1 wherein said first substrate is in slidable
- 2 communication with a pliable material adapted to contact an occipital skull region of the
- 3 patient.
- 1 9. The device as recited in claim 1 further comprising an arcuate-shaped substrate
- 2 in pivotal communication with said second substrate, whereby the arcuate-shaped
- 3 substrate is adapted to receive the patient's chin.
- 1 10. The device as recited in claim 1 wherein said first substrate allows visual
- 2 inspection of the patient's ears.
- 1 11. The device as recited in claim 1 wherein said third substrate extends at
- 2 least as low as the patient's second rib.
- 1 12. The device as recited in claim 2 wherein the securing means comprises
- 2 an elongated substrate having a first end attached to the first substrate of the device
- and a second end adapted to be removably fastened to the backboard.

- 1 13. The device as recited in claim 12 wherein the second end terminates in a
- 2 geometric shape that is matingly received by a surface supported by the backboard.
- 1 14. The device as recited in claim 13 wherein the surface is removably attached to
- the backboard.
- 1 15. The device as recited in claim 1 wherein at least one substrate comprises
- 2 cushioning materials.
- 1 16. The device as recited in claim 1 wherein at least one substrate comprises one or
- 2 more tubes.
- 1 17. The device as recited in claim 9 wherein said arcuate substrate defines an angle
- with respect to the second substrate and wherein the device further comprises means
- 3 to adjust said angle.
- 1 18. The device as recited in claim 9 wherein said arcuate substrate defines a
- 2 distance with respect to the first substrate and wherein the device further comprises
- 3 means to adjust said distance.
 - 19. A device for simultaneously immobilizing a person's skull, cervical vertebrae, and
- 2 mandible, the device comprising:
 - a) a first substrate which extends from an occipital region of the skull to the first
- 4 thoracic vertebrae of the person;
 - b) a second substrate communicating with the first substrate and extending in a
- 6 direction anterior to the person, whereby the second substrate encircles the neck of the
- 7 person;

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- c) a means for immobilizing the first and second substrates to a backboard.
- 20. The device as recited in claim 19 wherein the second substrate defines an

2 aperture having a removable continuous periphery.